

EXAMPLE SCENARIO 8

Option 1

TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
The Dean Company

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child/Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Soil	Soil	Soil at Site 1	4,4'-DDD	2E-07	--	8E-08	--	3E-07	--	--	--	--	--		
			4,4'-DDE	4E-06	--	2E-06	--	6E-06	--	--	--	--	--		
			4,4'-DDT	2E-05	--	7E-06	--	3E-05	--	--	--	--	--		
			Aluminum	--	--	--	--	--	--	--	--	--	--		
			Manganese	--	--	--	--	--	--	--	--	--	--		
			Thallium	--	--	--	--	--	--	--	--	--	--		
			Chemical Total	2E-05	--	9E-06	--	3E-05		--	--	--	--		
			Radionuclide Total												
			Exposure Point Total					3E-05					--		
			Exposure Medium Total					3E-05					--		
Soil Total								3E-05					--		
Receptor Total								3E-05					--		

Total Risk Across All Media

3E-05

Total Hazard Across All Media

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Note: This table represents the residential lifetime cancer risk and was derived by combining the adult residential risks and the child residential risks.